

Amendments to the Claims:

Please amend Claims 1 through 5, 7, and 9 through 12 to read, as follows.

1. **(Currently Amended)** A developing device for developing an electrostatic image formed on an image carrying member, said developing device comprising:

- a developing container for containing a developer including toner and carrier;
- a first developer carrying member for carrying the developer within said developing container and supplying the developer to the electrostatic image formed on said image carrying member;
- a restricting member for restricting a thickness of the developer carried on said first developer carrying member; and
- a second developer carrying member for carrying the developer received from said first developer carrying member and supplying the developer to the electrostatic image formed on said image carrying ~~member~~; member.

wherein an average inter-peak distance on ~~the~~ a surface of said first developer carrying member is greater than an average inter-peak distance on ~~the~~ a surface of said second developer carrying member.

2. **(Currently Amended)** A developing device according to Claim 1, wherein ~~satisfying~~ the expression

$S_{m2} < D \leq S_{m1}$ is satisfied,

where ~~wherein~~ S_{m1} represents the average inter-peak distance on the surface of said first developer carrying member, S_{m2} represents the average inter-peak distance on

the surface of said second developer carrying member, and D represents an average grain diameter by weight of the carrier.

3. **(Currently Amended)** A developing device according to Claim 1, wherein satisfying the expression

$$(Rz1/Sm1) < (Rz2/Sm2) \text{ is satisfied.}$$

where ~~wherein~~ Sm1 represents the average inter-peak distance on the surface of said first developer carrying member, Sm2 represents the average inter-peak distance on the surface of said second developer carrying member, Rz1 represents a ten-point average roughness of said first developer carrying member, and Rz2 represents a ten-point average roughness of said second developer carrying member.

4. **(Currently Amended)** A developing device according to Claim 3, wherein satisfying the expressions

$$(D/3) \leq Sm1 \leq 3 \times D$$

and

$$(D/3) \leq Sm2 \leq 3 \times D \text{ are satisfied.}$$

where ~~wherein~~ D represents an average grain diameter by weight of the carrier.

5. **(Currently Amended)** A developing device according to Claim 4, wherein satisfying the expressions

$$(D/2) \leq S_{m1} \leq 2 \times D$$

and

$(D/2) \leq S_{m2} \leq 2 \times D$ are satisfied. ~~$(D/2) \leq S_{m2} \leq 2 \times D$.~~

6. **(Original)** A developing device according to Claim 1, wherein the surface of said first developer carrying member is subjected to roughening processing using essentially-spherical polishing particles, and the surface of said second developer carrying member is subjected to roughening processing using non-spherical polishing particles.

7. **(Currently Amended)** A developing device according to Claim 1, wherein ~~the~~ a direction of rotation of said first developer carrying member and said second developer carrying member is the same.

8. **(Original)** A developing device according to Claim 1, further comprising first magnetic field generating means fixed within said first developer carrying member, for magnetically transporting developer, and second magnetic field generating means fixed within said second developer carrying member, for magnetically transporting developer, wherein said first magnetic field generating means and said second magnetic field generating means have magnetic poles of the same magnetic polarity at a position where

said first magnetic field generating means and said second magnetic field generating means face one another.

9. **(Currently Amended)** A developing device for developing an electrostatic image formed on an image carrying member, said developing device comprising:

a developing container for containing a developer including toner and carrier;

a first developer carrying member for carrying the developer within said developing container and supplying said developer to the electrostatic image formed on said image carrying member;

a restricting member for restricting a thickness of the developer carried on said first developer carrying member; and

a second developer carrying member for carrying developer received from said first developer carrying member and supplying the developer to the electrostatic image formed on said image carrying ~~member~~; member.

wherein the expression

$(Rz1/Sm1) < (Rz2/Sm2)$ is satisfied, ~~satisfied~~;

where ~~wherein~~ Sm1 represents an average inter-peak distance on ~~the~~ a surface of said first developer carrying member, Sm2 represents an average inter-peak distance on ~~the~~ a surface of said second developer carrying member, Rz1 represents a ten-point average roughness of said first developer carrying member, and Rz2 represents a ten-point average roughness of said second developer carrying member.

10. **(Currently Amended)** A developing device according to Claim 9, wherein satisfying the expressions

$$(D/3) \leq S_{m1} \leq 3 \times D$$

and

$$(D/3) \leq S_{m2} \leq 3 \times D \text{ are satisfied,}$$

where ~~wherein~~ D represents an average grain diameter by weight of the carrier.

11. **(Currently Amended)** A developing device according to Claim 10, wherein satisfying the expressions

$$(D/2) \leq S_{m1} \leq 2 \times D$$

and

$$(D/2) \leq S_{m2} \leq 2 \times D \text{ are satisfied. } \cancel{(D/2) \leq S_{m2} \leq 2 \times D.}$$

12. **(Currently Amended)** A developing device according to Claim 9, wherein the a direction of rotation of said first developer carrying member and said second developer carrying member is the same.

13. **(Original)** A developing device according to Claim 9, further comprising first magnetic field generating means fixed within said first developer carrying member, for magnetically transporting developer, and second magnetic field generating means fixed within said second developer carrying member, for magnetically transporting developer, wherein said first magnetic field generating means and said second magnetic field

generating means have magnetic poles of the same magnetic polarity at a position where said first magnetic field generating means and said second magnetic field generating means face one another.